6.2.1 2000 Utility Impacts of Saving an Electric Quad (1)

Plant fuel type	Utility Fuel Input Shares (%)	Average-sized Utility Unit (MW) in 2000	Aggregate Number of Units to Provide the Fuel's Share of the Electric Quad (2)
Natural Gas	14.8%	61	113
Petroleum	2.2%	15	59
Coal	52.1%	204	48
Nuclear	21.3%	1023	3
Renewable (3)	9.6%	19	218
Total	100%		440

Note(s): 1) This table displays the breakdown of electric power plants that could be eliminated by saving an electric quad, in exact proportion to the actual primary fuel shares for electricity produced nationwide in 2000. Use this table to estimate the avoided capacity implied by saving one electric quad. 2) Based on the fact that typical U.S. power plants operate less than fully loaded throughout the year. 3) Includes pumped storage.

Source(s): EIA, Inventory of Electric Utility Power Plants in the United States 2000, March 2002, Table 1, p. 12; EIA, Inventory of Nonutility Electric Utility Power Plants in the United States 2000, Jan. 2003, Table 1, p. 12; and EIA, Annual Energy Outlook 2003, Jan. 2003, Table A2, p. 120-122 for consumption and Table A8, p. 131-132 for electricity supply.